Xonar U1 Audio Station

The Best Portable PC Audio Upgrade Solution for Laptops or Desktops

- Stylish design & crisp clear audio quality
- Complete audio technologies from Dolby Studio
- EAX and DirectSound HW Support
- High quality headphone amplifier
- Advanced array microphone bundled

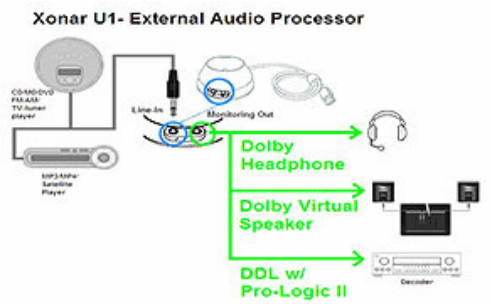
Audio Performance	**Output Signal-to-Noise Ratio (A-Weighted):**100 dB **Output THD+N at 1kHz (A-Weighted):** 0.0045% (87dB) **Dynamic Range:** 96dB
Main Chipset	**Audio Processor**: UA100
Sample Rate and Resolution	**Analog Playback Sample Rate and Resolution**: 48KHz
I/O Ports	**Bus Compatibility:** USB **Analog Output Jack & Digital S/PDIF Output Combo:** Analog 2CH/Digital 5.1 **Analog Input Jack:** Yes, stereo recording
Driver Features	**Operation System** Windows Vista (32-bit) Windows Vista (64-bit) Windows XP (32-bit) Windows XP (64-bit) **Dolby® Technologies** Dolby® Headphone Dolby® Virtual Speaker Dolby® Pro-Logic IIx Dolby® Digital Live **DirectSound3D Game Extensions 1.0/DirectX** DS3D GX 1.0 supports EAX gaming sound effects and DirectSound 3D hardware enhanced functions on Windows Vista. (DirectX/DirectSound 3D compatible) **Smart Volume Normalizer™** Normalizes the volume of all audio sources into a constant level and also enhances your 3D sound listening range and advantages in gaming **Magic Voice™** Modifies the sound of your voice, for VOIP and online chat applications **Karaoke Functions** Music Key-Shifting and Microphone Echo effects **Xear 3DTM Virtual Speaker Shifter** Virtual 7.1 speaker positioning **Array Microphone**

	Reducing environmental background sounds and noises; keeping your front side voice input as clean as possible **Other Effects** 10-band Equalier/27 Environment Effects
Bundled Software Utility	**Portable Music Processor Lite** Add Dolby Headphone, Dolby Virtual Speaker (w/ Pro-Logic II), and Smart Volume Normalization processing to your digital music files
Accessories	1 x Optical S/PDIF adaptor cable 1 x Stereo Vertical Array Microphone

The Best Portable PC Audio Upgrade Solution for Laptops or Desktops

Stylish External Processor

Crisp Clear & Gaming Audio Support
Xonar U1 transcodes any stereo source into Dolby Headphone, Virtual Speaker, and 5.1-channel Dolby Digital & Pro-Logic II surround sound. It also supports DirectSound, EAX, OpenAL for best gaming in Windows Vista and XP.



High Fidelity Headphone Amp

For High End Headphone Enjoyments
Xonar U1's built-in high-fidelity headphone amplifier achieves best listening quality with most stereo headphones (8~150 ohms @ >10mWx2):

THD+N<0.005% @ 47mW x2/32ohms
THD+N<0.006% @ 88mW x2/16ohms

Dolby Home Theater Technologies

High Quality Audio From Dolby
Xonar U1 tanscodes stereo audio source into Dolby Headphone, Virtual Speaker, and even 5.1-channel Dolby Digital and Pro-Logic II surround sound output.

- Array Microphone Bundled

Best for VoIP
The bundled advanced Array MIC technology can suppress ambient noises for up-to-20 dB, leaving only front-side clear voice for VOIP applications (Skype, MSN, Google, QQ, etc.) or online gaming.

- Hardware Interface

1. LED Indicator

Mute: Red
Unmute: Blue
User features on: Flashing Blue

2. Push down for mute/unmute

3. Digital Rotary Volume

4. Analog/Digital Combo Out

5. Stereo Mic/Line-in

- Colors available

- All specifications are subject to change without notice. Please check with your supplier for exact offers. Products may not be available in all markets.
- PCB color and bundled software versions are subject to change without notice.
- Brand and product names mentioned are trademarks of their respective companies.